Hi

I'm aiming to generate sinusoidal or other periodic motion for several degrees of freedom. The image that I have is a 2D image [256,256] and I want to add periodic motion in y direction only.

Im = Array[256,256]

I generated a time vector
t = dindgen(256)
Then plugged it into sin:
amp =3.
T=2.
y = amp * sin(2*!pi*t/T) ;y is an 1D aray [256].

for j=0L, NY-1 do begin
Motion_Im = Im[*,j] + y
endfor

What I got out of this is the image with some white rows on the top, no motion at all. Are there other functions or toolboxes that might be more useful? Or does anyone suggest something else?